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USAF review completed.

ARMY review completed.

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INFORMATION REPORT

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PREPARED AND DISSEMINATED BY

CENTRAL INTELLIGENCE AGENCY

COUNTRY

Hungary

USAF review completed.

SUBJECT

CW and BW Data/Chinoioin
Pharmaceutical Plant

ARMY review completed.

DATE DISTRIBUTED

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SUPPLEMENT TO REPORT #

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THIS IS UNEVALUATED INFORMATION

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This report was prepared as the result of a joint collection effort by the Army, the Air Force and CIA and is disseminated in accordance with the provisions of NSCID #7.

1. The chemical warfare defense unit at Bekescsaba (46 39N - 21 05E) had a complement of 27 men. [redacted] At Petervasara

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(48 01N - 20 06E) the complement was 32 men [redacted]

[redacted] Subsequent to 1954, the Army organized two other CW defense units similar to these to broaden the scope of CW defense training.

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2.

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3. [redacted] ground contamination and ground decontamination exercises at Ketegyhaz (46 32N - 21 11E). A truck-towed apparatus [see attachment 1 described at end of report] was utilized in these maneuvers. The apparatus can be used also on trucks and in aircraft for low-level spraying. In the truck-mounted version there are two such units - one in front and one in the rear. The Caepel 350 (3½-ton) truck, mounting a 3,000-liter tank filled either with contaminant or decontaminant, is used. The rear unit is used for contamination work with mustard as the conventional agent. The front unit is used for decontamination work. [redacted]

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4. There are said to be special shells available for the Soviet "tracked" 122-mm and 152-mm guns; these shells reportedly contain a mixture of mustard and RW. Such combined fillings are also said to be used in Soviet aerial bombs [redacted]

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note: There is no tracked version of the Soviet 122-mm gun.

[redacted] the Soviets have no CW-RW shell fillings, they may contaminate an area by using RW shells or aerial bombs along with mustard-filled shells or aerial bombs.

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5. [] a Soviet 122-mm mustard shell would contaminate an area 25X1
30 meters square, and that a Soviet 152-mm mustard shell would contaminate an
area 50 meters square.

Gas Masks and Protective Clothing

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6. The Hungarian Army is equipped with M51 gas masks of Soviet pattern. The
masks are made of gray rubber in these sizes: 0, 1, 2, 3 and 4. The M53, a
later model [] had not yet been issued to troops. It
also is made of gray rubber and comes in the same sizes. The only difference
between the M51 and the M53 [] are
as follows: 25X1

M51M53

- a. Has no metal ring between end
of face piece and hose
- b. The two air-deflector tubes are
exposed and rest against each
side of the nose

- a. Does have a metal ring between
end of face piece and hose
- b. The two air-deflector tubes on
each side of the nose are em-
bedded in the face piece and are
integral to the mask 25X1

7. Gas mask canisters are available in a training version. If the canister has
a single red stripe along the third ridge from the top, it is a training type
ineffective against live agents. [] note: [] 25X1
[] there was no training version of the gas mask canister,
that all canisters have the red stripe and that all such canisters afford 25X1
protection. If the canister has the same gray overall color, it affords
protection against live agents. The canisters for the Hungarian M51 and M53
masks are identical; the filters afford 24-hour protection against all gases
except carbon monoxide and cyanogen chloride.

8. Upon joining the Army, each recruit receives an M51 gas mask. (The old
Hungarian M34 mask is no longer used.) Also issued to each recruit are: 25X1

- a. Socks of lightweight greenish rubberized cloth. The socks have a string
in the center and the soles are of black rubber (thick). They are rolled or
clamped to the top of the gas mask carrier. [] 25X1

- b. Gas capes of chemically-impregnated paper which are kept in the gas
mask carrier. [] 25X1

- c. Gloves made of the same material as the socks and wrapped with them for
carrying. The gloves have a rubber band and wrist button. [] 25X1

25X1

9. Rubber suits consist of trousers with boots attached; the trouser tops
reach considerably above the waist. An anti-gas cape with hood attached 25X1
comprises the upper portion of the ensemble. Only enough of these are on hand
for rescue work.

11. [] gas protector kits consisting of three vials in a box, 25X1
for neutralizing liquid gases. Each vial contained 100 cc of a yellow
antidote which, if applied to the skin within five minutes of exposure, 25X1
would neutralize the effect of sprayed gases [] 25X1

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13. Each Hungarian unit has two storage facilities. One houses training materiel for everyday use. The other is for the mobilization reserve. Training materiel available [] was kept in a one-story wooden building, or shed, with shelves along three sides and storage racks in center aisles. [See 25X1 attachment 4 described at end of report.] Gas masks were racked five deep on each shelf, canisters racked 10 deep, and gas mask hoses cross-racked. Rubber clothing and extra gas masks were kept in a small mobilization storage facility separate from the training materiel. Rubber suits, kept in talcum powder and stored in individual canvas bags, were also in mobilization storage. Each battery had an allotment of 36 such suits. The mobilization storage was sealed, dry, cool and well ventilated.

Central CW Defensive Materiel Depot

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14. Hungary has only one central depot for the storage of CW materiel. [See attachment 5 for location in Budapest.] []

The premises [] consisted of a one-story building 20 to 30 m long and about 10 m wide, located about midway between the textile factory and the brewery [shown in sketch]. The building is set back some distance from Maglodi Ut and has 4 or 5 iron doors along the side facing the street. In this building one room contained only gas mask face pieces; another, gas mask hoses, and a third, gas mask canisters. Each room measured about 10 x 20 feet. 25X1

15. Gas masks are shipped in wooden boxes with 150 face pieces in a box. Alternately such a wooden box will contain 200 canisters. Sometimes protective caps and gas mask hoses are packed together for shipment.

16. Heavy rubber suits also are stored at this central depot, and torn or otherwise damaged items are returned here for reclamation and replacement. Gas masks are stamped MEO (Munka Ellenorzesi Osztaly - Work Inspection Department). Wooden boxes containing CW materiel ready for shipment bear the legend "Honvedseg, Budapest X, Kobanya." (Defense Forces, Budapest X, Kobanya) 25X1

Chinoin Pharmaceutical Plant

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[] This chemical is an intermediate for "PAS", an anti-TB drug manufactured by Chinoin. The 100 kg production was about maximum capacity. This amount yielded about 30 kg of PAS, of which large quantities were exported to Communist China.

19. In 1953, Chinoin was making chloracetophenone in an underground area to which there was access via a depression in the courtyard. [See attachment 6, point B.] Only soldiers were permitted in this area. [] note: Chloracetone is a tear gas constituent; chloracetophenone is a smoke/tear gas mixture. 25X1

20. The Hungaria Chemical Plant at Kobanya, Budapest X, supplied Chinoin with large quantities of chlorine gas, delivered in large iron containers. [] this chlorine was used in pharmaceuticals. [] not aware of any poison gas manufacture at Chinoin. Even during the November uprising, Chinoin was producing streptomycin. The Hajdusagi Gyogyszertar at Debrecen (47 31N - 21 39E) is affiliated with Chinoin. 25X1

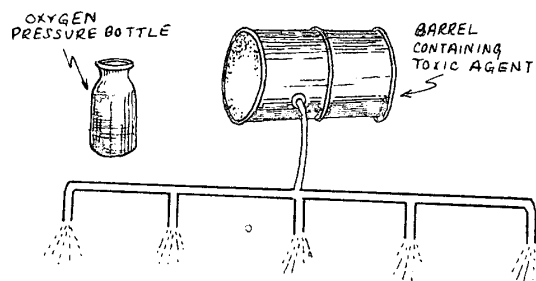
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ANNEX #1

CW SPRAY APPARATUS

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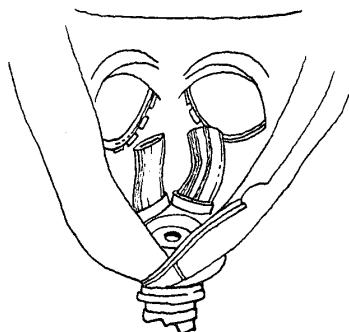
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ANNEX #2

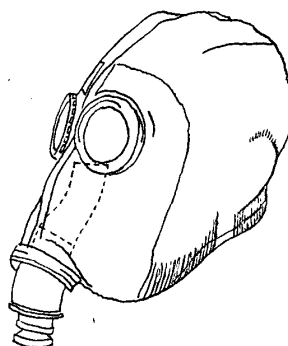


M-51 & M-53 GAS MASKS

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M-51

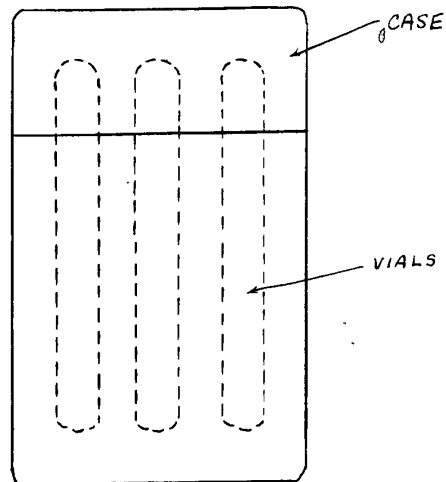


M-53

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ANNEX #3

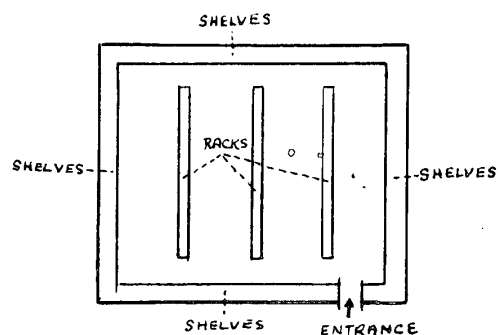


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SKETCH OF LIQUID GAS PROTECTIVE KIT

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ANNEX-4

SKETCH OF REGIMENTAL STORAGE
BUILDING FOR CW PROTECTIVE MATERIAL

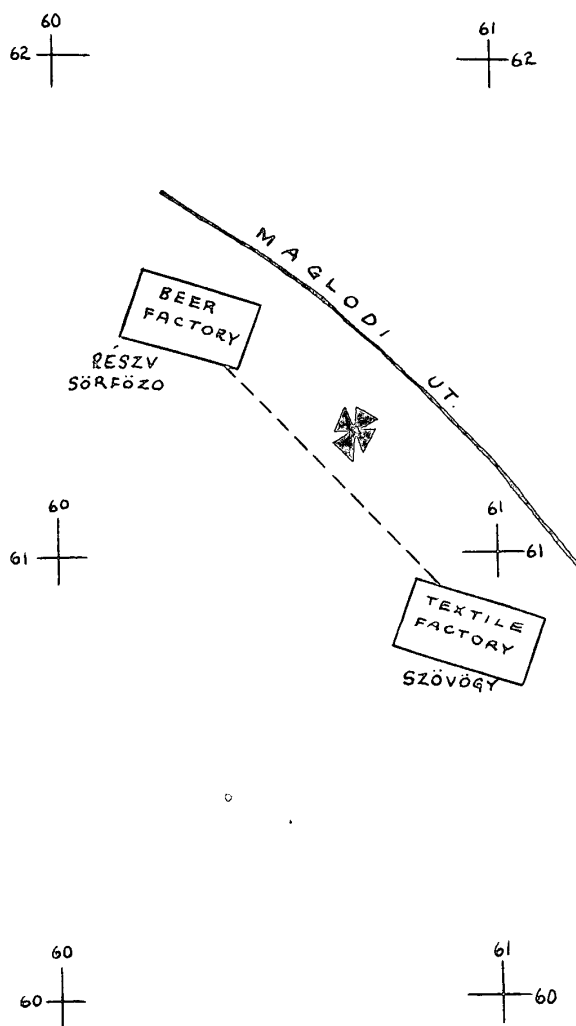
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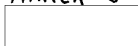
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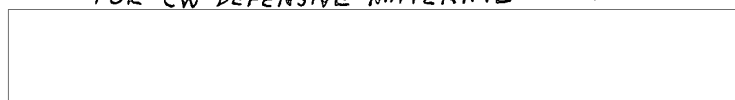


ANNEX 5



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LOCATION OF CENTRAL STORAGE DEPOT
FOR CW DEFENSIVE MATERIAL



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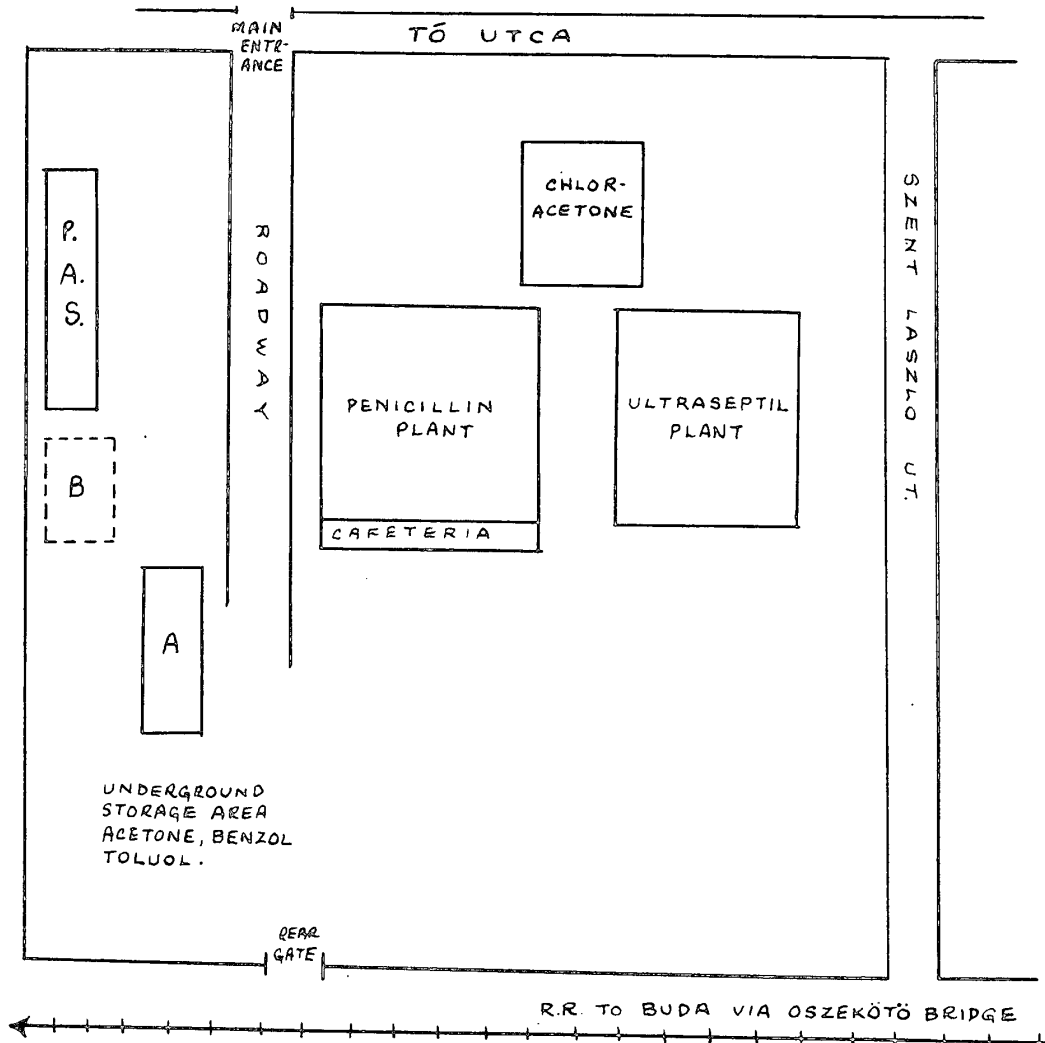
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ANNEX 6

SKETCH OF CHINOIN PREMISES



- A - META AMINO PHENOL (P.A.S. INTERMEDIATE)
MADE IN THIS BUILDING
- B - UNDERGROUND CHLORALDEHYDE PRODUCTION IN 1953.

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